

~~SECRET~~
NOT RELEASABLE TO FOREIGN NATIONALS
File *7.0.1-7* *Ad*
Office Memorandum • UNITED STATES GOVERNMENT

CONFIDENTIAL

TO : The Files

DATE: 6 March 1958

FROM :

SUBJECT: Trip-Report -

1. [redacted] was visited 14 and 15 February 1958 to discuss the status of Contract Task Orders 1 through 7. Persons contacted on this visit included:

Task Order 1, [redacted] - This project, [redacted] is nearly completed. The final report which will serve as an instruction manual is being prepared for binding. Final drawings have not been completed, however, because of the success with the Visicorder read-out in the January 1958 [redacted] test, three Visicorders, modified for fast start, have been ordered through the contractor. One Visicorder is being rushed for modification, for use as the [redacted] orderlink in connection with the [redacted] tests which will be conducted at [redacted]. The total price for the three Visicorders will be between [redacted]. The two [redacted] coders used in the January tests were returned to the contractor for repair. The contractor was advised that the Agency is in the market for ten service models [redacted] field sets and that they will be considered in the bidding for production of these sets.

Task Order 2, [redacted] - This project has been completed by the contractor and final acceptance is pending. The contractor has been asked to submit a proposal for modifying the transmit portion of the [redacted] to work with the [redacted] transmitter which has a forty-five kilowatt output. This will include the [redacted] excitor also.

Task Order 3, [redacted] - The fabrication of the [redacted] system has been completed. The contractor will test the system locally for 2 or 3 weeks and then arrange to ship the

CONFIDENTIAL

~~SECRET~~
NOT RELEASABLE TO FOREIGN NATIONALS

~~SECRET~~
NOT RELEASABLE TO FOREIGN NATIONALS
CONFIDENTIAL

Receive RF and the Receive Data terminals to Washington, D.C., for the next testing phase. It is expected that the testing between Washington, D.C., and [] will cover a period of 1 month, from approximately 1 May through 31 May 1958. [] will furnish the necessary engineering service to put the [] receive equipment into operation at Washington.

25X1

25X1

25X1

25X1

25X1

Task Order 4. [] - A trip was made to [] on 17 February 1958 to make arrangements at [] for the [] tests, which were conducted from 18 to 21 February. The tests, primarily for debugging the system, were successful. A total of 15,550 bits were received at the base station with a total error rate of 1.02% taking all errors into account. The transmit error rate was 0.38%. After a ^{SINGLE} parity check, this error rate was 0.32%; and after double parity check, this error rate was 0.16%, showing the usefulness of the error correction at the base station. Tentative signal plans were arranged for the [] tests at Washington, D.C., and []

25X1

25X1

25X1

25X1

25X1

[] These tests will require the use of a brevity code for use on an orderlink from the field station to the base []. It will be possible to contact the base with AM or CW signals using the [] exciter unit and the 500 watt transmitter.

25X1

25X1

25X1

Task Order 5. [] is purchasing one input - output Soroban unit, a combination high-speed reader using photo-diodes and high-speed output punch. Proposals are being prepared by the contractor to incorporate error correction in circuits in the [] equipment, and also the capability of receiving the field set. The contractor has been advised of the requirement for ten transmit and ten receive frequencies for the [] system.

25X1

25X1

25X1

Task Order 6. [] - Test Power Supplies - One test power supply unit has been completed and is ready for shipment; two more remain to be completed. This equipment is unique in the use of colored meters and colored push-buttons which light up when pushed.

25X1

Task Order 7. Service Contract - Additional funds are required to bolster Task 7 to cover the purchase of three Visicorders.

CONFIDENTIAL

25X1

~~SECRET~~
NOT RELEASABLE TO FOREIGN NATIONALS